

Attorney's Docket No. 032475-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of) **BOX AF**
Frederic KLEIN et al) Group Art Unit: 1645
Application No.: 09/155,982) Examiner: Virginia Allen Portner
Filed: October 9, 1998) Confirmation No.: 9420
For: MEANS FOR DETECTING)
BACTERIA OF THE TAYLORELLA)
EQUIGENITALIS SPECIES AND)
THEIR BIOLOGICAL)
APPLICATIONS)

REPLY AND AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In complete response to the Final Office Action mailed October 11, 2002, please
amend the above-identified application as follows.

IN THE CLAIMS:

Kindly replace claims 17, 19, 23, 26-28, 30 and 38 as follows.

17. (Thrice Amended) Isolated monoclonal antibodies or their Fv, Fab, and
F(ab')² fragments, which recognize an epitope of a bacterium of each of seven wild-type
strains of the species *Taylorella equigenitalis* (*T. equigenitalis*), and which do not exhibit a
crossed reaction with *Klebsiella pneumoniae*, *Pseudomonas fluorescens*, *Staphylococcus*
aureus, *Streptococcus equi*, *Pasteurella haemolytica*, *Pasteurella multocida*, *Pseudomonas*
aeruginosa and *Actinobacillus equuli*.

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